

CHRYSO®Premia 125S

High range water reducing Super plasticizing admixture

DESCRIPTION

CHRYSO®Premia 125S is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate.

CHRYSO®Premia 125S is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability up to 2.0H slump retention depending on cement chemistry.

CHRYSO®Premia 125S enables the production of concrete with very low W/C ratios.

CHRYSO®Premia 125S enables the production of flowable / selflevelling concrete.

BENEFITS

- Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths
- Enhances the workability retention of concrete particularly in hot climates.
- The dispersion properties of **CHRYSO®Premia 125S** allow the user to optimise the cement content when a specified mechanical strength is required.
- As the particles are highly dispersed, the hydration of the binder is enhanced, resulting in a substantial water reduction and an increase in both early age and ultimate compressive strength of over 30%.

FIELDS OF APPLICATION

- All cement types
- Prestressed concrete
- Steam-cured or non steam-cured concrete
- Self consolidating concrete
- High performance Concrete - Very High Performance Concrete - Ultra High Performance Concrete
- Precast

CHARACTERISTICS

SPECIFICATIONS

Product Nature	liquid
Color	Light brown
Lifetime	12 months
Specific gravity	1,060 ± 0,020

METHOD OF USE

- This product must be added to the mixing water or later on, on concrete.
- A 1.0% dosage of the product of the weight of cement is commonly used.
- **CHRYSO®Premia 125S** is completely miscible in water. It can be added to part or all of the mixing water depending on the required plasticity. The correct quantity of **CHRYSO®Premia 125S** should be measured using a recommended dispenser.
- To make high workability concrete, best results are obtained when **CHRYSO®Premia 125S** is added directly into the mixer. Because local job conditions vary, please contact your local **CHRYSO** sales representative for further assistance if using outside recommended dosage ranges.

Dosage :

0.5 to 2 litres for 100 kg of cement.

PRECAUTIONS

- Use at a temperature above 0° C.
- Should the product freeze, some crystals may appear, which will disappear after agitating or when the temperature is positive again.
- Store in plastic containers, PVC excluded.

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.

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pH

6,00 ± 2,00

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.